

ETHYLENE POLYMERS AND COPOLYMERS WITH HIGH OPTICAL OPACITY AND METHODS OF MAKING THE SAME

Abstract

5 This invention relates to the field of metal-catalyzed olefin polymerization
methods and the polymers and films prepared therefrom. In one aspect, this
invention provides polyethylene and ethylene/ α -olefin copolymers formed in the
presence of tightly-bridged metallocene catalyst, organoaluminum cocatalyst, and
a chemically-treated solid oxide, and optionally in the presence of additional
10 cocatalysts. The resins and films prepared from these polymers exhibit high haze
values, low clarity values, and a low coefficient of friction.

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